

022704
1381 USPTO

Please type a plus sign (+) inside this box → +

Based on PTO/SB/05
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. 01-279-CON

First Inventor or Application Identifier TESHIMA

Title SEMICONDUCTOR DEVICE AND METHOD
FOR MANUFACTURING SEMICONDUCTOR
DEVICE

Express Mail Label No.

APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility patent application contents.

1. * Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Specification [Total Pages 14]
 - Descriptive title of the Invention
 - Cross Reference to Related Applications
 - Background of the Invention
 - Summary of the Invention
 - Brief Description of the Drawings
 - Detailed Description of the Preferred Embodiment
 - Claims
 - Abstract of the Disclosure
3. Drawing(s) (35 U.S.C. 113) [Total Sheets 3]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 C.F.R. § 1.63 (d))
(for continuation/divisional with Box 16 completed)
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).
4. Oath or Declaration [Total Sheets 3]
 - a.
 - b. Copy from a prior application (37 C.F.R. § 1.63 (d))
(for continuation/divisional with Box 16 completed)
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

**NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28)*

ADDRESS TO: Commissioner for Patents
Mail Stop Patent Application
Arlington, VA 22202

5. Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Copy
 - b. Paper Copy (identical to computer copy)
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. Assignment Papers (cover sheet & document(s))
Assignee: DENSO CORPORATION
8. 37 C.F.R. § 3.73(b) Statement [when there is an assignee] Power of Attorney
9. English Translation Document (if applicable)
10. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
11. Preliminary Amendment
12. Return Receipt Postcard (MPEP 503)
(should be specifically itemized)
 - *Small Entity Statement(s) Statement filed in prior application, (PTO/SB/09-12) Status still proper and desired
13. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
14. Other:
15. Other:

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No: 10/127,613

Prior application information: Examiner Williams, Alexander O

Group/Art Unit: 2826

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	23400 (Insert Customer No. or Attach bar code label here)	or <input type="checkbox"/> Correspondence address below
Name		
Address		
City	State	Zip Code
Country	Telephone (703) 707-9110	Fax (703) 707-9112

Name (Print/type)	DAVID G. POSZ	Registration No. (Attorney/Agent)	37,701
Signature			Date February 27, 2004

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Arlington, VA 22202. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Alexandria, VA 22313-1450.

17510 USP 10/787
110 164
022704

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant Claims small entity status. See 37 CFR 1.27

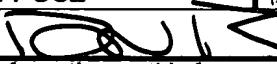
TOTAL AMOUNT OF PAYMENT (\$)

770

Complete if Known

Application Number	February 27, 2004
Filing Date	
First Named Inventor	TESHIMA
Examiner Name	
Art Unit	
Attorney Docket No.	01-279-CON

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)																																																																																																																							
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input type="checkbox"/> Deposit Account Deposit Account Number: 50-1147 Deposit Account Name: POSZ & BETHARDS, PLC		3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1051</td> <td>130</td> <td>2051 65 Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>1052</td> <td>50</td> <td>2052 25 Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>1053</td> <td>130</td> <td>1053 130 Non-English specification</td> <td></td> </tr> <tr> <td>1812</td> <td>2,520</td> <td>1812 2,520 For filing a request for ex parte reexamination</td> <td></td> </tr> <tr> <td>1804</td> <td>920*</td> <td>1804 920* Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>1805</td> <td>1,840*</td> <td>1805 1,840* Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>1251</td> <td>110</td> <td>2251 55 Extension for reply within first month</td> <td></td> </tr> <tr> <td>1252</td> <td>420</td> <td>2252 210 Extension for reply within second month</td> <td></td> </tr> <tr> <td>1253</td> <td>950</td> <td>2253 475 Extension for reply within third month</td> <td></td> </tr> <tr> <td>1254</td> <td>1,480</td> <td>2254 740 Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>1255</td> <td>2,010</td> <td>2255 1005 Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>1401</td> <td>330</td> <td>2401 165 Notice of Appeal</td> <td></td> </tr> <tr> <td>1402</td> <td>330</td> <td>2402 165 Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>1403</td> <td>290</td> <td>2403 145 Request for oral hearing</td> <td></td> </tr> <tr> <td>1451</td> <td>1,510</td> <td>1451 1,510 Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>1452</td> <td>110</td> <td>2452 55 Petition to revive - unavoidable</td> <td></td> </tr> <tr> <td>1453</td> <td>1,330</td> <td>2453 665 Petition to revive - unintentional</td> <td></td> </tr> <tr> <td>1501</td> <td>1,330</td> <td>2501 665 Utility issue fee (or reissue)</td> <td></td> </tr> <tr> <td>1502</td> <td>480</td> <td>2502 240 Design issue fee</td> <td></td> </tr> <tr> <td>1503</td> <td>640</td> <td>2503 320 Plant issue fee</td> <td></td> </tr> <tr> <td>1460</td> <td>130</td> <td>1460 130 Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>1807</td> <td>50</td> <td>1807 50 Processing fee under 37 CFR 1.17(q)</td> <td></td> </tr> <tr> <td>1806</td> <td>180</td> <td>1806 180 Submission of Information Disclosure Stmt</td> <td></td> </tr> <tr> <td>8021</td> <td>40</td> <td>8021 40 Recording each patent assignment per property (times number of properties)</td> <td></td> </tr> <tr> <td>1809</td> <td>770</td> <td>2809 385 Filing a submission after final rejection (37 CFR § 1.129(a))</td> <td></td> </tr> <tr> <td>1810</td> <td>770</td> <td>2810 385 For each additional invention to be examined (37 CFR § 1.129(b))</td> <td></td> </tr> <tr> <td>1801</td> <td>770</td> <td>2801 385 Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td>1802</td> <td>900</td> <td>1802 900 Request for expedited examination of a design application</td> <td></td> </tr> </tbody> </table>				Large Entity	Small Entity	Fee Description	Fee Paid	1051	130	2051 65 Surcharge - late filing fee or oath		1052	50	2052 25 Surcharge - late provisional filing fee or cover sheet		1053	130	1053 130 Non-English specification		1812	2,520	1812 2,520 For filing a request for ex parte reexamination		1804	920*	1804 920* Requesting publication of SIR prior to Examiner action		1805	1,840*	1805 1,840* Requesting publication of SIR after Examiner action		1251	110	2251 55 Extension for reply within first month		1252	420	2252 210 Extension for reply within second month		1253	950	2253 475 Extension for reply within third month		1254	1,480	2254 740 Extension for reply within fourth month		1255	2,010	2255 1005 Extension for reply within fifth month		1401	330	2401 165 Notice of Appeal		1402	330	2402 165 Filing a brief in support of an appeal		1403	290	2403 145 Request for oral hearing		1451	1,510	1451 1,510 Petition to institute a public use proceeding		1452	110	2452 55 Petition to revive - unavoidable		1453	1,330	2453 665 Petition to revive - unintentional		1501	1,330	2501 665 Utility issue fee (or reissue)		1502	480	2502 240 Design issue fee		1503	640	2503 320 Plant issue fee		1460	130	1460 130 Petitions to the Commissioner		1807	50	1807 50 Processing fee under 37 CFR 1.17(q)		1806	180	1806 180 Submission of Information Disclosure Stmt		8021	40	8021 40 Recording each patent assignment per property (times number of properties)		1809	770	2809 385 Filing a submission after final rejection (37 CFR § 1.129(a))		1810	770	2810 385 For each additional invention to be examined (37 CFR § 1.129(b))		1801	770	2801 385 Request for Continued Examination (RCE)		1802	900	1802 900 Request for expedited examination of a design application	
Large Entity	Small Entity	Fee Description	Fee Paid																																																																																																																						
1051	130	2051 65 Surcharge - late filing fee or oath																																																																																																																							
1052	50	2052 25 Surcharge - late provisional filing fee or cover sheet																																																																																																																							
1053	130	1053 130 Non-English specification																																																																																																																							
1812	2,520	1812 2,520 For filing a request for ex parte reexamination																																																																																																																							
1804	920*	1804 920* Requesting publication of SIR prior to Examiner action																																																																																																																							
1805	1,840*	1805 1,840* Requesting publication of SIR after Examiner action																																																																																																																							
1251	110	2251 55 Extension for reply within first month																																																																																																																							
1252	420	2252 210 Extension for reply within second month																																																																																																																							
1253	950	2253 475 Extension for reply within third month																																																																																																																							
1254	1,480	2254 740 Extension for reply within fourth month																																																																																																																							
1255	2,010	2255 1005 Extension for reply within fifth month																																																																																																																							
1401	330	2401 165 Notice of Appeal																																																																																																																							
1402	330	2402 165 Filing a brief in support of an appeal																																																																																																																							
1403	290	2403 145 Request for oral hearing																																																																																																																							
1451	1,510	1451 1,510 Petition to institute a public use proceeding																																																																																																																							
1452	110	2452 55 Petition to revive - unavoidable																																																																																																																							
1453	1,330	2453 665 Petition to revive - unintentional																																																																																																																							
1501	1,330	2501 665 Utility issue fee (or reissue)																																																																																																																							
1502	480	2502 240 Design issue fee																																																																																																																							
1503	640	2503 320 Plant issue fee																																																																																																																							
1460	130	1460 130 Petitions to the Commissioner																																																																																																																							
1807	50	1807 50 Processing fee under 37 CFR 1.17(q)																																																																																																																							
1806	180	1806 180 Submission of Information Disclosure Stmt																																																																																																																							
8021	40	8021 40 Recording each patent assignment per property (times number of properties)																																																																																																																							
1809	770	2809 385 Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																							
1810	770	2810 385 For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																							
1801	770	2801 385 Request for Continued Examination (RCE)																																																																																																																							
1802	900	1802 900 Request for expedited examination of a design application																																																																																																																							
1. BASIC FILING FEE <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1001</td> <td>770</td> <td>2001 385 Utility filing fee</td> <td>770</td> </tr> <tr> <td>1002</td> <td>340</td> <td>2002 170 Design filing fee</td> <td></td> </tr> <tr> <td>1003</td> <td>530</td> <td>2003 265 Plant filing fee</td> <td></td> </tr> <tr> <td>1004</td> <td>770</td> <td>2004 385 Reissue filing fee</td> <td></td> </tr> <tr> <td>1005</td> <td>160</td> <td>2005 80 Provisional filing fee</td> <td></td> </tr> </tbody> </table>		Large Entity	Small Entity	Fee Description	Fee Paid	1001	770	2001 385 Utility filing fee	770	1002	340	2002 170 Design filing fee		1003	530	2003 265 Plant filing fee		1004	770	2004 385 Reissue filing fee		1005	160	2005 80 Provisional filing fee		SUBTOTAL (1) (\$) 770																																																																																															
Large Entity	Small Entity	Fee Description	Fee Paid																																																																																																																						
1001	770	2001 385 Utility filing fee	770																																																																																																																						
1002	340	2002 170 Design filing fee																																																																																																																							
1003	530	2003 265 Plant filing fee																																																																																																																							
1004	770	2004 385 Reissue filing fee																																																																																																																							
1005	160	2005 80 Provisional filing fee																																																																																																																							
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE <table border="1"> <thead> <tr> <th>Total Claims</th> <th>Independent Claims</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>-20**=</td> <td>0</td> <td>x 18</td> <td>= 0</td> </tr> <tr> <td>1</td> <td>- 3**=</td> <td>0</td> <td>x 86</td> <td>= 0</td> </tr> <tr> <td colspan="5">Multiple Dependent</td> </tr> </tbody> </table>		Total Claims	Independent Claims	Extra Claims	Fee from below	Fee Paid	5	-20**=	0	x 18	= 0	1	- 3**=	0	x 86	= 0	Multiple Dependent					SUBTOTAL (2) (\$) 0																																																																																																			
Total Claims	Independent Claims	Extra Claims	Fee from below	Fee Paid																																																																																																																					
5	-20**=	0	x 18	= 0																																																																																																																					
1	- 3**=	0	x 86	= 0																																																																																																																					
Multiple Dependent																																																																																																																									
** or number previously paid, if greater; For Reissues, see above						Other fee (specify) _____																																																																																																																			
Reduced by Basic Filing Fee Paid						SUBTOTAL (3) (\$) 0																																																																																																																			

SUBMITTED BY		Complete if applicable		
Name (Print/Type)	DAVID G. POSZ	Registration No. (Attorney/Agent)	37,701	Telephone
Signature			Date	February 27, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.